



October 26, 2005

Ms. Arghavan Rashidi-Fard  
Orange County Health Care Agency  
Environmental Health Division  
1241 E. Dyer Road, Suite 120  
Santa Ana, California 92705-5611

**Subject: Well Destruction Report**

**Site: Chevron Service Station No. 9-4887  
6972 Warner Avenue, Huntington Beach, California  
OCHCA Case No. 90UT235**

Dear Ms. Rashidi:

On behalf of Chevron Environmental Management Company (CEMC), Science Applications International Corporation (SAIC) is submitting this report describing groundwater monitoring well destruction activities at Chevron Service Station No. 9-4887 (Plate 1). The destruction of the groundwater monitoring wells was based on the Orange County Health Care Agency (OCHCA) correspondence entitled *Remedial Action Completion Certificate* dated July 22, 2005 (Appendix A).

#### **UTILITY CLEARANCE AND PERMITTING**

Prior to initiating field activities associated with the groundwater monitoring well destruction activities, SAIC performed the following pre-field activities:

- Performed site visits to mark the proposed well abandonment locations.
- On August 3, 2005, SAIC contracted the services of Johnson-Frank & Associates to locate previously missing wells MW-4 and MW-5R using the survey coordinates. (Wells MW-4 and MW-5R were last sampled on July 30, 2002).
- Obtained a permit from the OCHCA to destroy seven groundwater monitoring wells (Appendix B).
- Notified Underground Service Alert and the OCHCA a minimum of 48 hours prior to the onset of field activities.
- Notified the CEMC Project Manager and the Chevron Sales Area Representative (SAR) prior to the start of field activities.
- Used air-knife with air-vacuum to clear the area around the well casings to a depth of at least 5 feet below ground surface (bgs) prior to conducting intrusive fieldwork.

## **FIELD ACTIVITIES**

On September 15, 2005, SAIC destroyed onsite monitoring wells MW-1R, MW-2R, MW-3R, MW-4, MW-5R, MW-6 and MW-8 (Plate 2).

A tailgate Health and Safety meeting was conducted prior to the start of fieldwork; it included a discussion of relevant safety issues, possible hazards, proper personal protective equipment and techniques, and the route to the local hospital.

The wells were destroyed in general accordance with the State of California Department of Water Resources Bulletin 74-90, *California Well Standards* (1991). The procedure used for the well destruction was as follows:

- Groundwater monitoring wells were investigated to determine their condition and that they were free of obstacles. Total depths of wells MW-1R, MW-2R, MW-3R, MW-4, MW-5R, MW-6 and MW-8 were measured at 25 feet, 20 feet, 25 feet, 32 feet, 26 feet, 32 feet, and 32 feet bgs, respectively.
- Each well casing was pressure grouted with a bentonite-slurry below ground surface.
- The wells were then drilled out to a depth of 5 feet bgs using a hollow stem auger drill rig. Afterwards, the wells were backfilled with bentonite chips to about 8 inches bgs. The wells were then patched with concrete to the surface. The two wells located in the planter area (MW-5R and MW-8) were then filled with native soil on top of the bentonite chips to ground surface.

## **Investigation-Derived Waste Disposal**

Drill cuttings were temporarily stored onsite in properly labeled, Department of Transportation (DOT)-approved 55-gallon drums pending disposal. Philip Services Company (PSC) of Carson, California, transported the solid wastes to TPS Technologies, a permitted facility in Adelanto, California, for recycling. Copies of the non-hazardous waste manifests will be provided upon request.

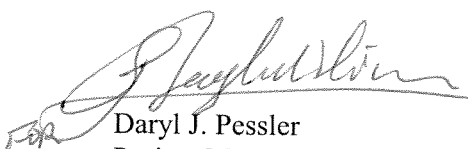
October 26, 2005  
Ms. Arghavan Rashidi-Fard  
Orange County Health Care Agency  
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If you have any questions or require additional information, please contact Mr. Daryl Pessler, the SAIC Project Manager, at (714) 257-6404, or Mr. Mike Bauer, the CEMC Project Manager, at (714) 671-3207.

Sincerely,

**SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

  
for  
Walid Makhoul  
Project Engineer

  
Daryl J. Pessler  
Project Manager

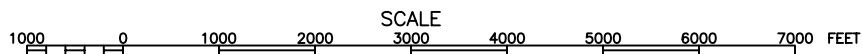
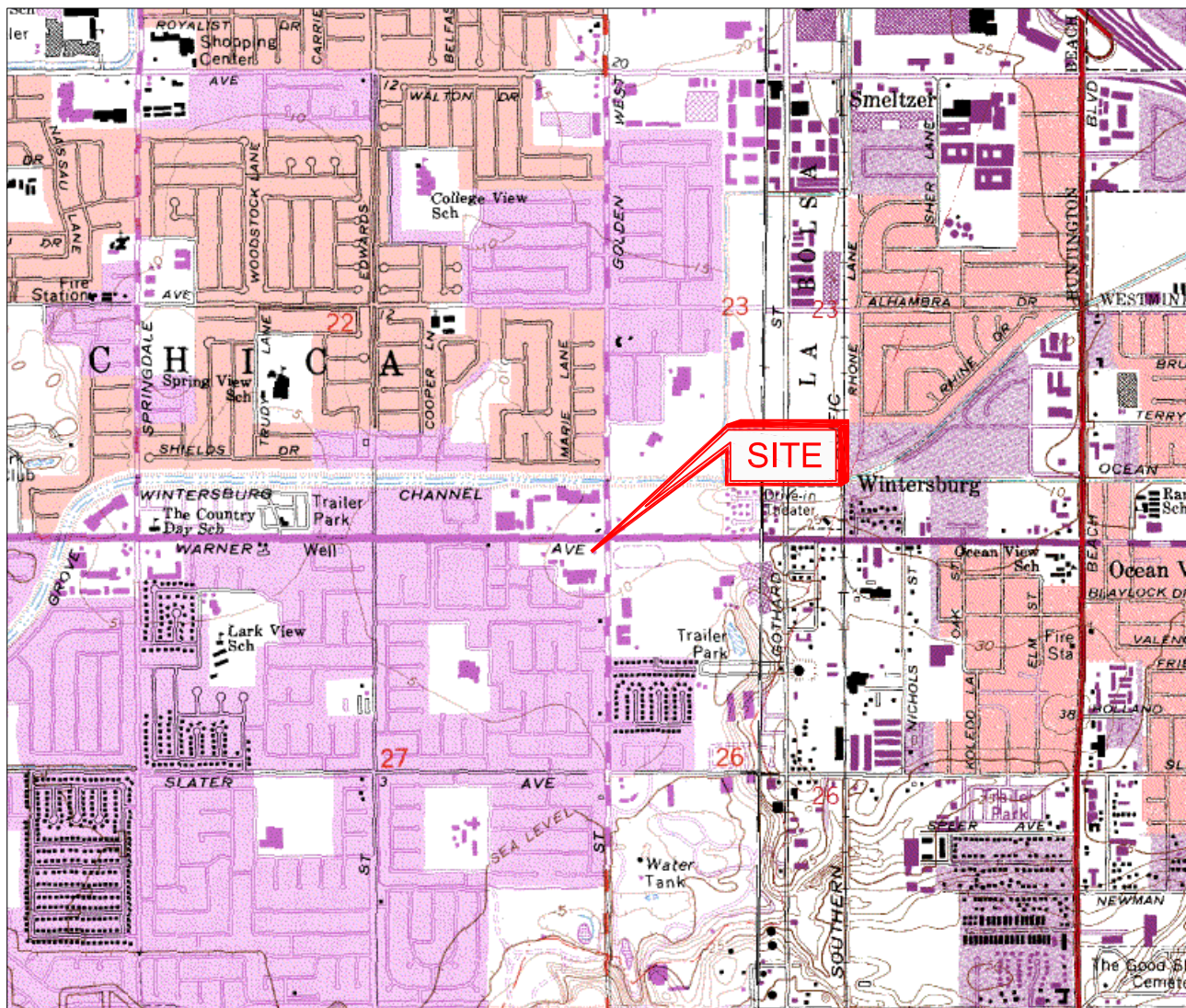
Attachments: Plate 1 – Site Location Map  
Plate 2 – Site Map Showing Destroyed Monitoring Well Locations  
Appendix A – OCHCA Remedial Action Completion Certificate Dated July 22, 2005  
Appendix B – Well Destruction Permit

cc: Mr. Mike Bauer, CEMC  
SAIC Project Files

Limitation of Use: SAIC's investigation was restricted to collection and analysis of a limited number of environmental samples and visual observations obtained during the physical site visit, and from records made available by CEMC or third parties during the investigation. Because the investigation consisted of collecting and evaluating a limited supply of information, SAIC may not have identified all potential items of concern and, therefore, SAIC warrants only that the project activities under this contract have been performed within the parameters and scope communicated by CEMC and reflected in the contract. SAIC has made no independent investigations concerning the accuracy or completeness of the information relied upon. This report is intended to be used in its entirety. Taking or using in any way excerpts from this report are not permitted and any party doing so does so at its own risk.

A full and complete determination as to the presence or absence of residual contamination cannot be made under the scope of this monitoring and SAIC is not making such a determination, either expressly or impliedly, in this report.

## PLATES



REFERENCE: USGS 7.5-MINUTE QUADRANGLE, SEAL BEACH AND NEWPORT BEACH, CALIFORNIA

Chevron Environmental Management Company  
SERVICE STATION NO. 9-4887  
6972 WARNER AVENUE  
HUNTINGTON BEACH, CALIFORNIA

## SITE LOCATION MAP

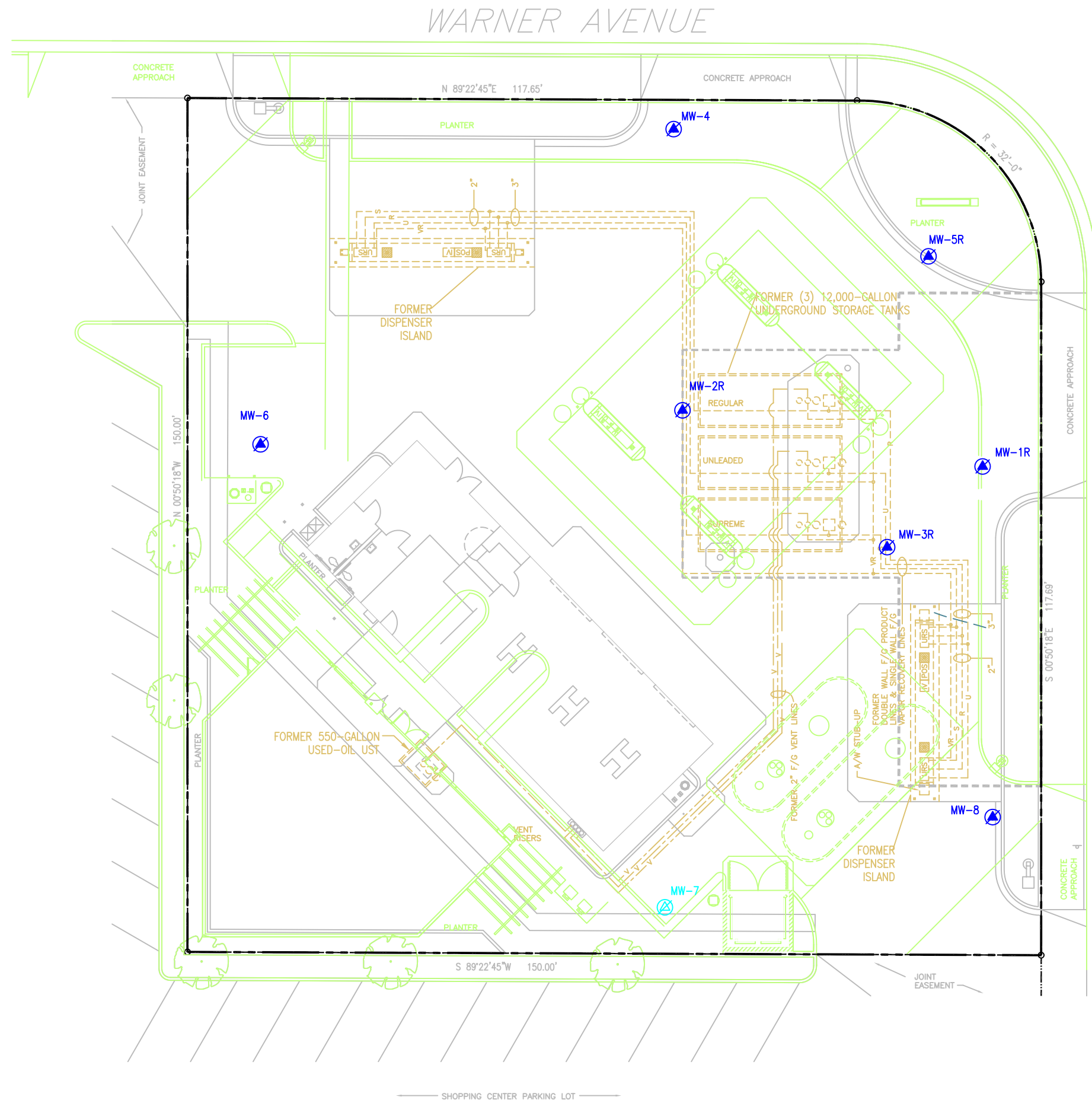
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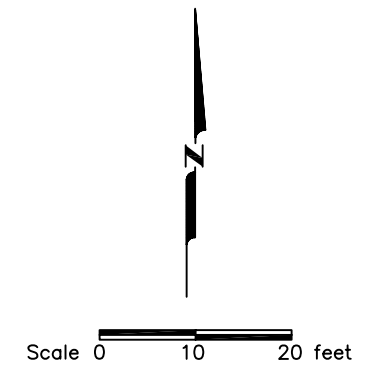


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EXPLANATION

- GROUNDWATER MONITORING WELLS DESTROYED (SEPT. 2005)
- ABANDONED GROUNDWATER MONITORING WELL LOCATION
- EXCAVATION LIMITS



Chevron Environmental Management Company  
SERVICE STATION NO. 9-4887  
6972 WARNER AVENUE  
HUNTINGTON BEACH, CALIFORNIA

SITE MAP SHOWING DESTROYED  
MONITORING WELL LOCATIONS

DRAWN HDS		CHECKED	APPROVED	PLATE NO.  <b>2</b>
DATE 10/05		DATE	DATE	
JOB NO. 06-6102-00-7611-190		FILE NO. Q4887-GW051A		

**SAIC**  
From Science to Solutions™ Science Applications  
International Corporation

**APPENDIX A**

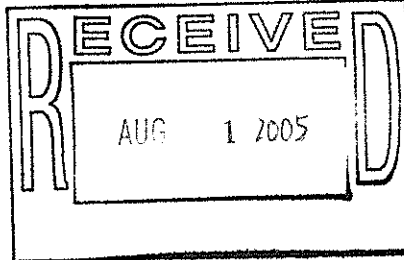
**OCHCA REMEDIAL ACTION COMPLETION CERTIFICATE DATED JULY 22, 2005**



**COUNTY OF ORANGE  
HEALTH CARE AGENCY**

**REGULATORY HEALTH SERVICES  
ENVIRONMENTAL HEALTH**

*Excellence  
Integrity  
Service*



**JULIETTE A. POULSON, RN, MN**  
DIRECTOR

**DAVID L. RILEY**  
ASSISTANT DIRECTOR

**MIKE SPURGEON**  
DEPUTY AGENCY DIRECTOR  
REGULATORY HEALTH SERVICES

**STEVEN K. WONG, REHS, MPH**  
DIRECTOR  
ENVIRONMENTAL HEALTH

MAILING ADDRESS:  
1241 EAST DYER ROAD, SUITE 120  
SANTA ANA, CA 92705-5611

TELEPHONE: (714) 433-6000  
FAX: (714) 754-1768  
E-MAIL: ehealth@ochca.com

July 22, 2005

Mike Bauer  
Chevron Environmental Management Company  
145 S. State College Blvd.  
Brea, CA 92822-2292

**Subject: Remedial Action Completion Certification**

**Re:** Underground Storage Tank (UST) Case  
Chevron Station #9-4887  
6972 Warner Avenue  
Huntington Beach, CA 92647  
OCHCA Case #90UT235

Dear Mr. Bauer:

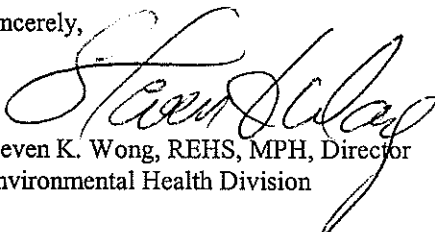
This letter confirms the completion of site investigation and corrective action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this Agency was accurate and representative of site conditions, this Agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25296.10 of the Health and Safety Code.

Please contact Arghavan Rashidi-Fard of our office at (714) 433-6254 if you have any questions regarding this matter.

Sincerely,

  
Steven K. Wong, REHS, MPH, Director  
Environmental Health Division

Attachment: Case Closure Summary

cc: Tom Mbeke-Ekanem, Santa Ana Regional Water Quality Control Board  
SB 562 Database, State Water Resources Control Board  
Cleanup Fund Manager, State Water Resources Control Board  
Larry Honeybourne, Environmental Health  
Daryl Pessler, SAIC



**APPENDIX B**  
**WELL DESTRUCTION PERMIT**

FAX: (714) 972-0749

WELL PERMIT NUMBER

WHEN SIGNED BY ORANGE COUNTY HEALTH CARE AGENCY REPRESENTATIVE, THIS APPLICATION IS A PERMIT.